

AMENDMENTS TO THE CLAIMS

Claims 1-56 (canceled).

Claim 57 (withdrawn). A method of treating, diagnosing or monitoring a disease characterized by expression or abnormal expression of a tumor-associated antigen, which method comprises administering an antibody binding to said tumor-associated antigen or to a part thereof and coupled to a therapeutic or diagnostic agent, said tumor-associated antigen having a sequence encoded by a nucleic acid which is selected from the group consisting of:

(a) a nucleic acid which comprises a nucleic acid sequence selected from the group consisting of SEQ ID NOs: 1, 5, 9, 13, 17, 21, 25, 29, 33, 37, 41, 45, 49, 53, 57, 61, 65, 69, 73, 77, 81, 85, 89, 93, 97, 101, 105, 109, 113, 117, 121, 125, 129, 133, 137, 141, 145, 149, 153, 157, 161, 165, 169, 173, 175, 179, 183, 187, 191, 195, 199, 203, 207, 211, 215, 219, 223, 227, 231, 235, 239, 243, 247, 251, 255, 259, 263, 267, 269, 271, 273, 275, 277, 279, 309 of the sequence listing, a part or derivative thereof,

(b) a nucleic acid which hybridizes with the nucleic acid of (a) under stringent conditions,

(c) a nucleic acid which is degenerate with respect to the nucleic acid of (a) or (b), and

(d) a nucleic acid which is complementary to the nucleic acid of (a), (b) or (c).

Claim 58 (withdrawn). The method as claimed in claim 57, in which the antibody is a monoclonal antibody.

Claim 59 (withdrawn). The method as claimed in claim 57, in which the antibody is a chimeric or humanized antibody.

Claim 60 (withdrawn). The method as claimed in claim 57, in which the antibody is a fragment of a natural antibody.

Claims 61-114 (canceled).

Claim 115 (new). A method for diagnosing cancer in a patient, the method comprising detecting the level of a nucleic acid comprising a nucleic acid sequence selected from the group consisting of SEQ ID NO: 1, 5, 9, 13, 17, 21, 25, 29, 33, 37, 41, 45, 49, 53, 57, 61, 65, 69, 73, 77, 81, 85, 89, 93, 97, 101, 105, 109, 113, 117, 121, 125, 129, 133, 137, 141, 145, 149, 153, 157, 161, 165, 169, 173, 175, 179, 183, 187, 191, 195, 199, 203, 207, 211, 215, 219, 223, 227, 231, 235, 239, 243, 247, 251, 255, 259, 263, 267, 269, 271, 273, 275, 277, 279, and 309 in a tissue sample from the patient.

Claim 116 (new). A method for diagnosing cancer in a patient, the method comprising detecting the level of a nucleic acid comprising the nucleic acid of SEQ ID NO: 1 in a tissue sample from the patient.

Claim 117 (new). A method for determining regression, course, or onset of cancer in a patient, the method comprising detecting the level of a nucleic acid comprising a nucleic acid sequence selected from the group consisting of SEQ ID NO: 1, 5, 9, 13, 17, 21, 25, 29, 33, 37, 41, 45, 49, 53, 57, 61, 65, 69, 73, 77, 81, 85, 89, 93, 97, 101, 105, 109, 113, 117, 121, 125, 129, 133, 137, 141, 145, 149, 153, 157, 161, 165, 169, 173, 175, 179, 183, 187, 191, 195, 199, 203, 207, 211, 215, 219, 223, 227, 231, 235, 239, 243, 247, 251, 255, 259, 263, 267, 269, 271, 273, 275, 277, 279, and 309 in a tissue sample from the patient.

Claim 118 (new). A method for determining regression, course, or onset of cancer in a patient, the method comprising detecting the level of a nucleic acid comprising the nucleic acid sequence of SEQ ID NO: 1 in a tissue sample from the patient.